

Contract No. AF33(600)-36179

CERTIFICATE

FOIAb3a

I, _____, certify that

I am the Assistant Secretary of the Corporation named

FOIAb3a

as Contractor herein; that _____ who

signed this contract on behalf of the Contractor was then _____

President of said Corporation; that said con-

tract was duly signed for and in behalf of said Corporation by

authority of its governing body, and is within the scope of its Corporate powers.

FOIAb3a

(Corporate Seal)

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SCHEDULE

1. SCOPE OF WORK:

a. The Contractor shall fabricate a test wing panel using a rubberized coating of lightweight material. The model of the wing panel can be rectangular in plan form but must be typical of an airplane wing. The panel shall be at least the semi-span of an airplane having an aspect ratio not less than 9. The wing sectional thickness shall be no greater than 10%. The wing root attachment shall be so provided as to simulate a typical aircraft wing in transmitting wing loading into the airplane framework.

b. The Contractor shall test the wing panel for its ability to withstand without unusual deformation the uniformly distributed and concentrated loadings which an airplane wing is subjected to in all aspects of flight including those experienced from beginning of take-off roll throughout flight and ending at termination of landing roll. Further, the wing cross section profile should not distort to such loadings to the extent that flow characteristics become altered from the basic air flow characteristics which that airfoil section would exhibit if it were a rigid section operating at the particular Mach number and ambient atmospheric conditions under consideration.

Tests covering the torsional rigidity of the panel and sectional profile contour stability shall be conducted for the most critical loading resulting from dynamic pressures and Mach number which a typical airplane would experience climbing from sea level to 70,000 feet and then climbing at .8 to .9 Mach number to 80,000 feet altitude.

c. The Contractor shall furnish a formal report presenting all testing procedures, data, data reduction, data analyses, and conclusions drawn from such experiment with regard to usability of rubberized fabric for airplane design for 80,000 feet altitude at .8 to .9 Mach number.

2. CONSIDERATION AND PAYMENT: 25X1A1a

The contract price of [REDACTED] for performing this work is based on the Contractor furnishing the following hours of services in preparation of the report:

1080 Engineering hours
180 Shop hours

Upon completion of the work the Contractor will furnish a statement indicating the hours expended. If the hours expended in preparation and the report are substantially less than those estimated the Government

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reserves the right to either request further work be performed within the original scope or in the alternative request an equitable adjustment in price.

3. DELIVERY:

The Contractor shall complete all work on the subject contract and deliver the formal report required by l.c. above not later than 20 December 1957.

4. WAIVER OF REQUIREMENTS OF GENERAL PROVISIONS:

Notwithstanding the requirements of any of the General Provisions of this contract to the contrary, whenever the Contractor, in performance of the work under this contract, shall find that the requirements of any of the clauses of the General Provisions are in conflict with security instructions issued to the Contractor by the Contracting Officer or by his duly authorized representative for security matters, the Contractor shall call the attention of the Contracting Officer to such conflict and the Contracting Officer or his duly authorized representative for security matters shall (i) modify or rescind such security requirements or (ii) the Contracting Officer shall issue to the Contractor a waiver of compliance with the requirements of the General Provisions conflicting with such security requirements. Any waiver of compliance with the General Provisions of this contract issued by the Contracting Officer shall be in writing, except that the approval by the Contracting Officer of any subcontract issued hereunder by the Contractor shall be deemed to constitute approval of waiver of any clauses of the General Provisions in conflict with the stipulations of such subcontract.

5. SPECIAL SECURITY RESTRICTIONS:

The Contractor shall not reveal (i) the specific nature or any details of the work being performed hereunder or (ii) any information whatsoever with respect to the department of the Government sponsoring this contract and the work thereunder except as the Contractor is directed or permitted to reveal such information by the Contracting Officer or by his duly authorized representative for security matters, and notwithstanding any clause or section of this contract to the contrary, the Contractor shall not interpret any clause or section of this contract as requiring or permitting divulgence of such information to any person, public or private, or to any officer or department of the Government without the express consent of the Contracting Officer or his duly authorized representative for security matters.